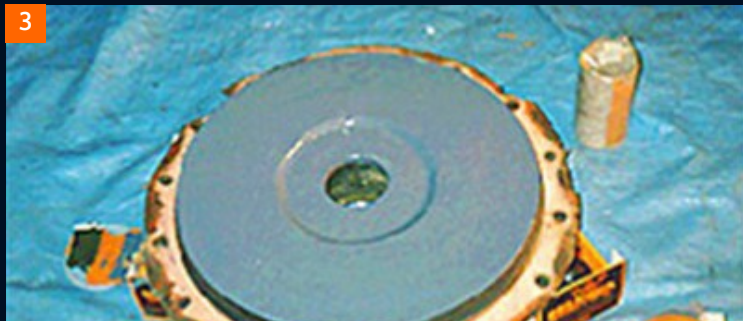
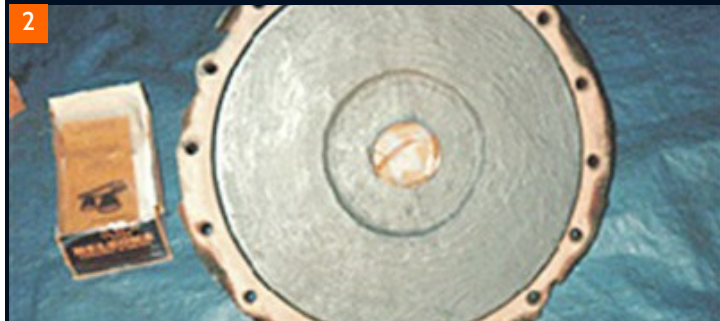


BELZONA REBUILDS AND PROTECTS THIS SUCTION PUMP END PLATE

ID: 342



PROBLEM

This end suction pump carrying a combination of medium consistency stock, alkaline medium, and chlorine carry over at 70°C, eroded and corroded the end plate of this pump. The pump was no longer able to move the required volume of liquid per batch.

APPLICATION SITUATION

Alkaline extraction pump end plate.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 and CEP-5.

BELZONA FACTS

Alkaline extraction pumps operate at approximately 70°C (158°F) and suffer from a combination of chlorine and caustic attack at 12-15% medium stock consistency.

INDUSTRY

Pulp & Paper

LOCATION

Bleached Kraft Paper Mill in Japan

APPLICATION DATE

March 1990

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Steel

PHOTOS

1. End plate metal loss clearly evident
2. Rebuilt end plate with Belzona 1311 (Ceramic R-Metal)
3. Resurfaced and final repair with Belzona 1321 (Ceramic S-Metal)

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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